



BARINDER^F 400 Series



X7i-FDH22R-45H7GR-C

Automatic grinding machine for small and medium sized castings.



Features

- Best deburring machine for small & medium sized castings.
- Rotating main & auxiliary tool-head.
- Suitable for the finishing complex shape castings.
- Main tool-head now powered by servo-motor for improved efficiency.
- Fixture changer makes you possible to operate multiple machines

Outline of specifications

Max. machinable size	Φ500×H350, 40kg (*Load capacity is within 70kg)
Main tool-head	Diamond wheel Φ355×T12×Φ80
Main tool-head driving motor	4.5Kw (AC servomotor drive)
Auxiliary tool-head driving motor	2.2Kw (High speed type, Inverter drive)
Wheel tilt for max.	130° (NC control drive)
Method of load/unload	2 positions fixture changer(NC control drive)
Control driving motor,	7 axes AC servo controlled by NACR
Number of NC axis	
Overall dimensions	W2151×D3073×H2515
Weight	2500kg

*Load capacity includes casting, fixture, and fixture palette.

Challenging to Future Function of BARINDER!!

X7i-FDH22R-45H7GR-C

■ Grinding by tilting main shaft tool



(Appeared object is virtual image)

■ Features

1. Small footprint.
2. One operator can perform multiple machine operations.
3. Program creation is simple and easy.
4. Simple operation with high function.
5. Quick change- less than 5 min. to change fixtures, programs and tools.
6. Diamond tool saves operation cost and dust generation.
7. High speed and efficient processing enables productivity and a higher finishing quality of product.

■ Object example Subject material : FC, FCV, FCD, BC-6, ADC, others



Exhaust Manifold
30 sec / piece



Differential Case
24 sec / piece



Differential Carrier
24 sec / piece



Rotor
40 sec / piece



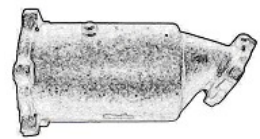
Gear Box
24 sec / piece



Axle case
40 sec / piece



Water Pump
37 sec / piece



Cylinder Head
27 sec / piece

*The grinding tact times are for reference only, not guaranteed values.

Inquiry

KOYAMA CO., LTD.

Suzaka Factory Development Department

3500-1, Mushiokuri, Hitaki, Suzaka-City, Nagano-Pref.,
382-0011 Japan.

TEL +81-26-215-2811 FAX +81-26-215-2812

<http://www.barinder.jp>

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